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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R.I. 10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Docket No. GI 5182A

Ellen J. Karpinski Declaration and Power of Attorney

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

BONE AND CARTILAGE INDUCTIVE PROTEINS

the specification of which: X is attached hereto.

____ was filed on _____ as

Application Serial No. _____

and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	Priority Claimed <u>Yes/No</u>
PCT/US91/03388	designated*	15 May 1991	Yes

I hereby claim the benefit under Title 35, United States Code, section 120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
07/525,357	16 May 1990	Pending
07/641,204	15 January 1991	Pending

*Austria, Belgium, Switzerland and Liechtenstein, Germany, France, United Kingdom, Italy, Luxembourg, Netherlands, Sweden, Denmark, Spain, Greece, and Japan and Canada

I hereby appoint the following attorneys to prosecute this application, to make alterations and amendments therein, to receive the patent, to transact all business in the Patent and Trademark Office connected therewith, to file any International Applications which are based thereon under the provisions of the Patent Cooperation Treaty and to act on my behalf before the competent International Authorities: Bruce M. Eisen, Reg. No. 22,847; Thomas J. DesRosier, Reg. No. 30,168; Luann Cserr, Reg. No. 31,822; Ellen J. Kipinos, Reg. No. 32,245; and Patricia McDaniels, Reg. No. 33,194.

Address all correspondence to **Legal Affairs Department, Genetics Institute, Inc., 87 Cambridge Park Drive, Cambridge, MA 02140**. Telephone number: 617-876-1170.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of the Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of fifth joint inventor _____

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